

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/052642

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G08C19/28 H04B1/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G08C H04B H04N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 061 490 A (UNIVERSAL ELECTRONICS, INC) 20 December 2000 (2000-12-20) paragraph '0002! - paragraph '0012! paragraph '0032! paragraph '0038!; figure 8b paragraph '0062! - paragraph '0063!	1-13
X	US 2003/141987 A1 (HAYES PATRICK H) 31 July 2003 (2003-07-31) paragraph '0055!; figure 10b paragraph '0080! - paragraph '0085!	14
X	WO 00/17738 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 30 March 2000 (2000-03-30) abstract page 5, line 8 - page 9, line 28	14
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">16 February 2005</div>	Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">23/02/2005</div>	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer <div style="text-align: center; font-weight: bold;">Baas, G</div>	

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